



**Applications**

- Ocean Bottom Nodes
- Downhole applications
- Mining
- Industrial applications
- Audio recordings

**Features**

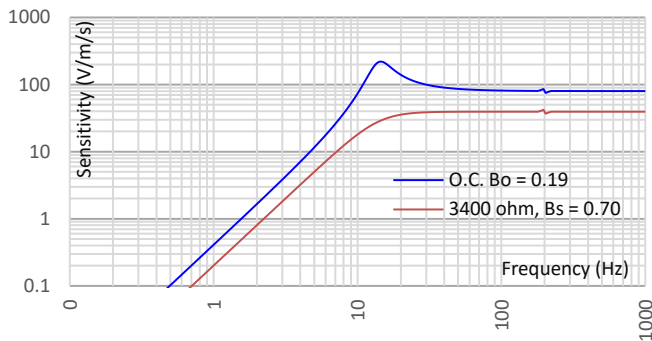
- Rugged design with rotating-coil contacts
- Omni-directional
- High sensitivity

**Specifications**

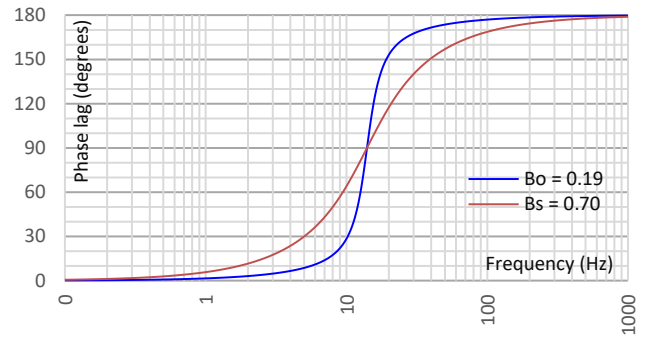
Frequency [Hz]	14 ±7%	Typical spurious frequency [Hz]	> 190
O.C. Damping	0.185 +10 / -5%	Maximum tilt angle [°]	360
O.C. Sensitivity [V/m/s]	80 +5 / -10%	Dimensions [mm]	∅25.4 x 36
Resistance [Ω]	3500 ±5%	Weight [g]	81
Moving mass [g]	10.2	Operating temperature [°C]	-40 to 100
Max coil excursion p.p. [mm] <sup>2</sup>	0.5 to 4	Warranty <sup>1</sup>	2 year
Shunt for 0.7 damping [Ω]	3400	Distortion with 17.78 mm/s p.p. coil-to-case velocity at 14 Hz	≤ 0.6%

All parameters are specified at +20°C in the working position unless stated otherwise  
<sup>1</sup> Warranty excludes damage caused by high voltage and physical damage to the element case  
<sup>2</sup> Max coil excursion from 0.5mm vertical to 4mm in horizontal position. Use 0.5mm for testing purposes.

**Response**



**Phase**

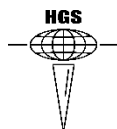


**Ordering information**

Part	Description	Working position	Polarity
SG000104	HG-6HS OB 14 Hz 3500 ohm	Omni-directional	Tap on the pins gives positive signal

**Contact**

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